

PATENT
0459-0651P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: ØSTERGAARD, Leif
Appl. No.: NEW Group:
Filed: September 21, 2001 Examiner:
For: METHOD FOR DETERMINING HAEMODYNAMIC
INDICES BY USE OF TOMOGRAPHIC DATA

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents
Washington, DC 20231

September 21, 2001

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. \$ 1.16 or under \$ 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

John A. Castellano, #35,094

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

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Enclosures: ☒ Form PTO-1449(s)
☐ Documents
☐ Foreign Search Report
☐ Fee
☒ Other: International Search Report

(Rev. 01/22/01)

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)					ATTY DOCKET NO. 0459-0651P		APPLICATION NO. New 09/937146	
					APPLICANT OSTERGAARD, Leif			
					FILING DATE September 21, 2001		GROUP	

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	5	2	8	7	2	7	3	1994-02-15	SHERMAN et al.			

FOREIGN PATENT DOCUMENTS													
	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
												YES	NO

OTHER DOCUMENTS		(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)
		Bock J C et al.: "Magnetic Resonance Perfusion Imaging with Gadolinium-DTPA. A Quantitative Approach for the Kinetic Analysis of First-Pass Residue Curves" INVESTIGATIVE RADIOLOGY, vol. 30, no. 12, 1995, pages 693-699 XP002901064
		OSTERGAARD L et al.: "High Resolution Measurement of Cerebral Blood Flow using Intravascular Tracer Bolus Passages. Part I: Mathematical Approach and Statistical Analysis" MAGNETIC RESONANCE IN MEDICINE, Vol. 36, 1996, pages 715-725, XP002901065
		OSTERGAARD L et al.: "High Resolution Measurement of Cerebral Blood Flow Using Intravascular Tracer Bolus Passages. Part II: Experimental Comparison and Preliminary Results" MAGNETIC RESONANCE IN MEDICINE, vol. 36, 1996, pages 726-736, XP002901066
		KING R B et al.: "Modeling Blood Flow Heterogeneity" ANNALS OF BIOMEDICAL ENGINEERING, vol. 24, 1996, pages 352-372, XP002901067
		OSTERGAARD L et al.: "Cerebral Blood Flow Measurements by Magnetic Resonance Imaging Bolus Tracking: Comparison With [150] H2O JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol 18, 1998, pages 935-940, XP002901068 page 727
		SCHREIBER W G et al.: "Cerebral Blood Flow and Cerebrovascular Reserve Capacity: Estimation by Dynamic Magnetic Resonance Imaging" JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol. 18, 1998, pages 1143-1156, XP002901069
		OSTERGAARD L et al.: "Absolute Cerebral Blood Flow and Blood Volume Measured by Magnetic Resonance Imaging Bolus Tracking: Comparison With Positron Emission Tomography Values" JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol. 18, 1998, pages 425-432, XP002901070

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	